

Title (en)
GSK-3 inhibitors and CDK inhibitors as anti-glaucoma agents

Title (de)
GSK-3- und CDK-Inhibitoren als Antiglaukomamittel

Title (fr)
Inhibiteurs de GSK-3 et de CDK comme agents antiglaucome

Publication
EP 1616568 A3 20060621 (EN)

Application
EP 05109789 A 20030418

Priority
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• US 37660602 P 20020430

Abstract (en)
[origin: EP1616568A2] Uses are described for glycogen synthase kinase (GSK-3) inhibitors, or cyclin-dependent kinase (CDK) inhibitors, selected from the group consisting of: SB-216763, alsterpaullone, 9-cyanopaullone, and kenopaullone; GW-8510, purvalanol A, and roscovitine; ##### that inhibit expression, signalling or biological functions of connective tissue growth factor (CTGF), for the manufacture of a medicament for the treatment of glaucoma, and for preventing the visual field loss associated with Primary Open Angle Glaucoma (POAG).

IPC 8 full level
A61F 9/007 (2006.01); **A61K 31/404** (2006.01); **A61K 31/00** (2006.01); **A61K 31/426** (2006.01); **A61K 31/427** (2006.01); **A61K 31/428** (2006.01); **A61K 31/429** (2006.01); **A61K 31/454** (2006.01); **A61K 31/52** (2006.01); **A61K 31/55** (2006.01); **A61K 45/00** (2006.01); **A61P 27/02** (2006.01); **A61P 27/06** (2006.01); **C12N 9/99** (2006.01)

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Citation (search report)
• [Y] WO 0160374 A1 20010823 - CENTRE NAT RECH SCIENT [FR], et al
• [Y] WO 0170727 A1 20010927 - SANOFI SYNTHELABO [FR], et al
• [PX] WO 03027275 A1 20030403 - ALCON INC [CH], et al
• [XA] MAAS J W JR ET AL: "Apoptosis of central and peripheral neurons can be prevented with cyclin-dependent kinase/mitogen-activated protein kinase inhibitors.", JOURNAL OF NEUROCHEMISTRY. APR 1998, vol. 70, no. 4, April 1998 (1998-04-01), pages 1401 - 1410, XP002378532, ISSN: 0022-3042
• [XA] LEFÈVRE KARINE ET AL: "Involvement of cyclin-dependent kinases in axotomy-induced retinal ganglion cell death.", THE JOURNAL OF COMPARATIVE NEUROLOGY. 20 MAY 2002, vol. 447, no. 1, 1 April 2002 (2002-04-01), pages 72 - 81, XP008063542, ISSN: 0021-9967

Cited by
US11648261B2; US11338059B2; US11666777B2; US10413552B2; WO2019221959A1; US10881503B2; US11045352B2; US10583221B2; US11565023B2; US10925889B2; US11707518B2

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